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**Dreyer**

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(54) **CONVEYOR IDLER**

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#### ABSTRACT

A conveyor idler includes a sleeve having an outer surface and an inner surface, a shaft about which the sleeve can rotate in a forward direction, a locking mechanism for preventing the sleeve from rotating in a reverse direction, but which locking mechanism permits rotation of the sleeve in the forward direction, the locking mechanism being located within the sleeve and having a shaft member fixed to the shaft, with at least one locking member which can move between an unlocked position in which the sleeve can rotate in the forward direction and a locked position in which the locking member locks the sleeve to the shaft member to prevent rotation of the sleeve in the reverse direction.

**18 Claims, 10 Drawing Sheets**

